

INTERNATIONAL SEARCH REPORT

GB2004/003485

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61L9/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61L G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 21, 3 August 2001 (2001-08-03) -& JP 2001 087370 A (DENSO CORP), 3 April 2001 (2001-04-03) cited in the application abstract -----	1-4,8,9, 11-16, 18-20
Y		6,10
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 07, 29 September 2000 (2000-09-29) -& JP 2000 121110 A (ELMO CO LTD), 28 April 2000 (2000-04-28) abstract -----	1-4,8,9, 11-20

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the International search

Date of mailing of the international search report

14 October 2004

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Martí, P

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	<p>-& DATABASE WPI Derwent Publications Ltd., London, GB; AN 2000-402951 XP002299934</p> <p>-& JP 2000 121110 A (ELMO CO LTD) 28 April 2000 (2000-04-28) abstract</p> <p>-----</p>	
X	<p>DE 101 57 832 A (KRUSE EIKE) 26 June 2003 (2003-06-26) the whole document</p> <p>-----</p>	1-4, 7-9, 11-20
X	<p>FR 2 689 399 A (GENE DIDIER ; MARTIN JOAQUIM) 8 October 1993 (1993-10-08)</p> <p>page 2, line 1 - line 22 page 3, line 24 - page 5, line 2</p> <p>-----</p>	1-4, 8, 9, 11-16, 18-20
P, X	<p>DE 102 49 510 A (BEHR GMBH & CO) 6 May 2004 (2004-05-06)</p> <p>paragraph '0020! - paragraph '0021!; figures 1,2</p> <p>-----</p>	1-4, 8, 9, 11-16, 18-20
P, X	<p>WO 2004/062700 A (FREUDENBERG CARL KG ; KLATT CHRISTOPHER (DE); BORRIS RICHARD (DE); REI) 29 July 2004 (2004-07-29)</p> <p>page 9 - page 13</p> <p>-----</p>	1-4, 11-16, 18-20
P, X	<p>PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05)</p> <p>-& JP 2004 141618 A (TOTO LTD), 20 May 2004 (2004-05-20)</p> <p>abstract</p> <p>-----</p>	1-4, 7-9, 11-16, 18-20
P, X	<p>-& DATABASE WPI Derwent Publications Ltd., London, GB; AN 2004-395768 XP002299935</p> <p>-& JP 2004 141618 A (TOTO LTD) 20 May 2004 (2004-05-20)</p> <p>abstract</p> <p>-----</p>	1-4, 7-9, 11-16, 18-20
X	<p>PATENT ABSTRACTS OF JAPAN vol. 018, no. 032 (C-1154), 18 January 1994 (1994-01-18)</p> <p>-& JP 05 261246 A (TOTO LTD), 12 October 1993 (1993-10-12)</p> <p>abstract</p> <p>-----</p>	1, 4, 5, 8, 9, 13-15

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INTERNATIONAL SEARCH REPORT

GB2004/003485

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>-& DATABASE WPI Derwent Publications Ltd., London, GB; AN 1993-356533 XP002299936 -& JP 05 261246 A (TOTO LTD) 12 October 1993 (1993-10-12) abstract</p> <p>-----</p> <p>PATENT ABSTRACTS OF JAPAN vol. 017, no. 288 (M-1423), 3 June 1993 (1993-06-03)</p> <p>-& JP 05 016660 A (ZEXEL CORP), 26 January 1993 (1993-01-26) abstract</p> <p>-----</p> <p>PATENT ABSTRACTS OF JAPAN vol. 016, no. 036 (M-1205), 29 January 1992 (1992-01-29)</p> <p>& JP 03 244957 A (SEIBU GAS KK; others: 01), 31 October 1991 (1991-10-31) abstract</p> <p>-----</p> <p>WO 96/30750 A (CALIFORNIA INST OF TECHN) 3 October 1996 (1996-10-03)</p> <p>page 3, line 8 - line 21</p> <p>page 15, line 13 - page 16, line 10</p> <p>-----</p>	1,5,15
Y		6
Y		10

INTERNATIONAL SEARCH REPORT

Information on patent family members

GB2004/003485

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
JP 2001087370	A	03-04-2001	NONE		
JP 2000121110	A	28-04-2000	NONE		
DE 10157832	A	26-06-2003	DE	10157832 A1	26-06-2003
FR 2689399	A	08-10-1993	FR	2689399 A1	08-10-1993
DE 10249510	A	06-05-2004	DE	10249510 A1	06-05-2004
			WO	2004037304 A1	06-05-2004
WO 2004062700	A	29-07-2004	DE	10301214 B3	15-04-2004
			WO	2004062700 A1	29-07-2004
JP 2004141618	A	20-05-2004	NONE		
JP 05261246	A	12-10-1993	JP	3087432 B2	11-09-2000
JP 5261246	A	12-10-1993	JP	3087432 B2	11-09-2000
JP 05016660	A	26-01-1993	JP	2855294 B2	10-02-1999
JP 03244957	A	31-10-1991	NONE		
WO 9630750	A	03-10-1996	US	5571401 A	05-11-1996
			AT	188291 T	15-01-2000
			AU	705825 B2	03-06-1999
			AU	5372896 A	16-10-1996
			CA	2215332 A1	03-10-1996
			CN	1184530 A	10-06-1998
			DE	69605906 D1	03-02-2000
			DE	69605906 T2	13-07-2000
			DK	820585 T3	19-06-2000
			EP	0820585 A1	28-01-1998
			EP	0950895 A2	20-10-1999
			ES	2144737 T3	16-06-2000
			FI	973802 A	29-09-1997
			GR	3033092 T3	31-08-2000
			JP	11503231 T	23-03-1999
			PT	820585 T	30-06-2000
			RU	2145081 C1	27-01-2000
			US	5951846 A	14-09-1999
			US	5959191 A	28-09-1999
			US	6013229 A	11-01-2000
			WO	9630750 A1	03-10-1996
			US	5891398 A	06-04-1999
			US	6170318 B1	09-01-2001
			US	6017440 A	25-01-2000
			US	6093308 A	25-07-2000
			US	2003159927 A1	28-08-2003
			US	6537498 B1	25-03-2003
			US	2004033165 A1	19-02-2004
			US	6331244 B1	18-12-2001
			US	5698089 A	16-12-1997
			US	5788833 A	04-08-1998
			US	6010616 A	04-01-2000